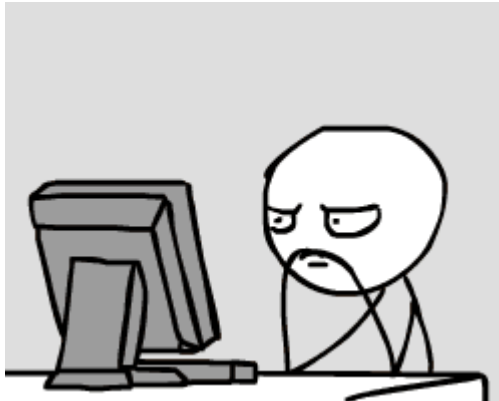


What is AI?

- AI(=Artificial Intelligence). It refers to computer systems that perform tasks requiring human intelligence.
- AI can be used to automate tasks, analyze data, and make decisions.



Misconceptions about AI

- when most people use the term AI today, they're often referring to machine learning.
 - Machine Learning: enables machines to perform tasks *previously exclusive* to humans:
 - recognizing speech
 - identifying images
 - understanding natural language
 - making decisions

What is Machine Learning? ML= Machine Learning. It is a subset of AI that enables machines to learn from data and improve over time. 🖥️MachineLearning

Types of AI

- **Realized AI**
 - **Theoretical AI**
-

Types of AI

- **Realized AI**
 - **Narrow AI:** Specific tasks, needs training from Human input.
 - **Reactive AI:** Analyzes data for intelligent output.
 - **Limited Memory AI:** Recalls past events, improves over time (e.g., ChatGPT).
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Theoretical AI

- **Artificial General Intelligence:** Learns without human training.
 - **Super AI:** Hypothetical, beyond human abilities.
-

History of AI

- 1952: Arthur Samuel writes the first computer learning application.
 - 1956: The Word "Artificial intelligence" got coined by John McCarthy.
 - 1969: "Shakey" was the first General purpose mobile robot built
 - 1997: Supercomputer "Deep Blue" was designed by IBM. it defeated the word chess champion in a game.
-

History of AI

- 2002: First commercially successful robotic vacuum cleaner created (Roomba).
 - 2019: OpenAI releases the GPT-2 language model.
 - 2020: Waymo launches Waymo One, a fully autonomous taxi service in the Phoenix area, marking a significant milestone in self driving car technology.
 - 2022: Open AI debuts ChatGPT, an AI chatbot build on GPT 3.5
 - 2023: The leaked LLaMA AI Language model
-

AI in the Future

AI is expected to...

- have a significant impact on the future of work, healthcare, and transportation.
 - create new jobs and industries, but it may also lead to job displacement and economic inequality.
 - continue to improve and become more integrated into our daily lives.
 - raise ethical and social issues that will need to be addressed.
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